

**Work Order ID 67921**

Tuesday, April 05, 2011 9:57:25 AM

*Ship - 20 April*

Page 1

Item ID: D205-778-011

Accept



Setup Start



Revision ID:

Item Name: Comfort Seat, LH/RH

Stop



Start Date: 4/4/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 4/8/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

*[Signature]*Date: *11-04-5*

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

DSI 9508

A

IIN D205-778

Rev B

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile &amp; type labels per PPP D205-778-011 CHG 001/3 ECN 10-570

*11-04-6*

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

*8 w/04/18**11/4/18 DP*

| W/O:     |      | WORK ORDER CHANGES      |    |      |     |                                     |                          |  |
|----------|------|-------------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE     | STEP | PROCEDURE CHANGE        | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |
| 11/06/16 | 100  | change H67002 to H67003 |    |      |     |                                     | S. [Signature]           |  |
|          |      |                         |    |      |     |                                     |                          |  |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                                |                                 |                |                           |                       |                          |
|------|------|----------------------------------|--------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action<br>Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng           | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 67921**

Page 2

Tuesday, April 05, 2011 9:57:25 AM

Item ID: D205-778-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Comfort Seat, LH/RH

Start Date: 4/4/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 4/8/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

120

QC4- 100% Inspect kits for completeness

0.00



0.00

Sulouiz

11/4/18

QC

Memo

Quality Control

130

Packaging

0.00



0.00

Packaging

Memo

Packaging

Identify and pack for shipping as per PPP D205-778-101

Location: III

PPP Rev: C

11/4/18

12

140

QC21- Final Inspection - Work Order Release

0.00



0.00

QC

Memo

Quality Control

11/4/18

MF

11-4-18

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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|      |      |                                  | Initial<br>Chief Eng           | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries.

# Picklist Print

Tuesday, April 05, 2011 9:57:31 AM

Work Order ID: 67921

Parent Item: D205-778-011

Parent Item Name: Comfort Seat, LH/RH



Start Date: 4/4/2011

Required Date: 4/8/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 08-10-20 New Issue DD verified by:EC  
per DSI 9508 DD 10.03-24 verified by:EC  
IPP Rev:B as

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty    | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-----------------|---------------|----------------|--------|
| AN960JD6L<br>Washer             |                        | Purchased     | No          |                     |                  | 110             | Each               | 952.0000       | 16          | 16              |               | 11/4/10 SP     |        |
|                                 |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|                                 |                        |               |             | ST347               |                  |                 |                    | 952            |             |                 |               |                |        |
|                                 |                        |               |             | 5519                |                  |                 |                    | 952            |             |                 |               |                |        |
| BSP-42<br>Rivet                 |                        | Purchased     | No          |                     |                  | 110             | Each               | 144.0000       | 8           | 8               |               | 11/4/10 SP     |        |
|                                 |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|                                 |                        |               |             | ST284               |                  |                 |                    | 144            |             |                 |               |                |        |
|                                 |                        |               |             | 114598              |                  |                 |                    | 144            |             |                 |               |                |        |
| D3752-1<br>Seat Frame           |                        | Manufactured  | No          |                     |                  | 110             | Each               | 4.0000         | 1           | 1               |               | SP             |        |
|                                 |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|                                 |                        |               |             | ST252A              |                  |                 |                    | 4              |             |                 |               |                |        |
|                                 |                        |               |             | 67226               |                  |                 |                    | 4              |             |                 |               |                |        |
| D3755-041<br>Seat Cushion       |                        | Manufactured  | No          |                     |                  | 110             | Each               | 3.0000         | 1           | 1               |               | 11/5/10 SP     |        |
|                                 |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|                                 |                        |               |             | ST252A              |                  |                 |                    | 3              |             |                 |               |                |        |
|                                 |                        |               |             | 65579               |                  |                 |                    | 3              |             |                 |               |                |        |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Picklist Print

Page 2

Tuesday, April 05, 2011 9:57:31 AM

Work Order ID: 67921

Parent Item: D205-778-011

Parent Item Name: Comfort Seat, LH/RH

Start Date: 4/4/2011

Required Date: 4/8/2011

Start Qty: 1.00

Required Qty: 1.00

D3756-041

Manufactured No

110 Each

3.0000



Cushion



SP

## Location

## Loc Qty

## Loc Code

ST252A

3

65580

3

D3758-041

Manufactured No

110 Each

15.0000



Clamp



SP

## Location

## Loc Qty

## Loc Code

ST081

15

58262

15

D3777-041

Manufactured No

110 Each

12.0000



Clamp



SP

## Location

## Loc Qty

## Loc Code

ST081

12

46659

12

D3800-3-200

Manufactured No

110 f

135.0000



Hook and Loop Strip (2" Hard)



2.105263  
11/4/18

## Location

## Loc Qty

## Loc Code

ST083

135

56393

75

60044

60

4x 6.00" per kit

11.04.18  
1-Cut to length as per dwg  
measured  
8/16/18

Tuesday, April 05, 2011 9:57:31 AM

Shop Packet Print

Page 2

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



# Picklist Print

Page 3

Tuesday, April 05, 2011 9:57:31 AM

Work Order ID: 67921

Parent Item: D205-778-011

Parent Item Name: Comfort Seat, LH/RH

Start Date: 4/4/2011

Required Date: 4/8/2011

Start Qty: 1.00

Required Qty: 1.00

AN525-10R8

Purchased

No

110

Each

93.0000



Screw

Location

Loc Qty

Loc Code

ST325

93

114494

93

110

Each

30.0000

AN970-3

Purchased

No



Washers

Location

Loc Qty

Loc Code

ST349

30

115158

30

110

Each

0.0000

AN960JD10

NAS1149D0363J

Purchased

No



Washer

MS21042L3

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST300

2051

116391

451

116540

800

116549

800

Tuesday, April 05, 2011 9:57:32 AM

Shop Packet Print

Page 3

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

Part Number D205-778-011  
Description COMFORT SEAT LH/RH

Part Number D205-778-011

Description COMFORT SEAT LH/RH

H:\forms\engineer\approved forms\CHGREC revA



#### 4.0 WEIGHT AND BALANCE

The following is the net weight increase associated with the modification kits.

| Installation              | Weight  | LATERAL  |            | LONGITUDINAL |           |
|---------------------------|---------|----------|------------|--------------|-----------|
|                           |         | Arm      | Moment     | Arm          | Moment    |
| <b>D205-778-011</b>       | 13.0 lb | ±22.0 in | ±286 in-lb | 47.0 in      | 611 in-lb |
| Comfort Seat Kit, LH / RH | 5.9 kg  | ±0.56 m  | ±3.3 m-kg  | 1.19 m       | 7.0 m-kg  |

#### 5.0 PARTS LIST

| Qty<br>-011 | Part Number     | Description                     |
|-------------|-----------------|---------------------------------|
| X           | D205-778-011    | COMFORT SEAT KIT (FITS LH & RH) |
| 1           | D3752-1         | SEAT FRAME                      |
| 1           | D3755-041       | CUSHION                         |
| 1           | D3756-041       | CUSHION                         |
| 2           | D3758-041       | CLAMP ASSEMBLY                  |
| *2          | D3758-1         | CLAMP                           |
| *2          | D2182B028       | RUBBER CUSHION                  |
| 2           | D3777-041       | CLAMP ASSEMBLY                  |
| *2          | D3777-1         | CLAMP                           |
| *2          | D2182B013       | RUBBER CUSHION                  |
| 4           | D3800-3-200-060 | HOOK STRIP                      |
| 8           | AN525-10R8      | SCREW                           |
| 8           | AN970-3         | WASHER                          |
| 8           | AN960JD10.      | WASHER                          |
| 8           | MS21042L3       | NUT (OR MS21042-3)              |

\* REFERENCE ONLY. PARTS ARE INCLUDED IN ASSEMBLY ABOVE.



# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D205-778 REV. B  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D205-778 REV. 1

REF TCCA STC: SH08-37

REF FAA STC: SR02704NY

REF EASA STC: EASA.M.RS.04618

## PURPOSE:

To provide instructions to allow the hook strip (ie. velcro) on the D3752-1 Seat Frame to be fastened with rivets.

## CHANGE:

D205-778-011 Comfort Seat Kits at CHG 002 have rivets and washers that may be installed to fully secure the D3800-3-200-060 Hook Strip to the D3752-1 Seat Frame. The parts list of Installation Instructions IIN-D205-778 and Instructions for Continued Airworthiness ICA-D205-778 is amended as shown below. Installation of the rivets is optional.

## PARTS LIST

| QTY<br>-011 | Part Number   | Description                 |
|-------------|---------------|-----------------------------|
| X           | D205-778-011  | Comfort Seat Kit            |
| 8           | BSP-42        | Rivet (Add)                 |
| 16          | NAS1149DN616J | Washer (or AN960JD6L) (Add) |

## INSTALLATION INSTRUCTIONS

Install the BSP-42 rivets as detailed below, see Figure 1 of this service instruction as reference:

- 1) Ensure location of D3800-3-200-060 Hook Strip lines up with loop strip on seat cushions.
- 2) Drill D3752-1 Seat Frame using 9/64" (Ø0.141) drill in appropriate locations: ensure rivet location will not interfere (contact) with the OEM metal seat frame. Deburr hole.
- 3) Install each BSP-42 rivet with qty(2) NAS1149DN616J washers (one on either side of the plastic seat frame). It is acceptable to substitute longer/shorter BSP rivets or thicker NAS1149DN632J washers to ensure proper fit.

## UPGRADE KIT

For D205-778-011 Comfort Seat Kits at CHG 001, the DSI-9508-011 Rivet Kit is available from Dart:

| QTY<br>-011 | Part Number   | Description           |
|-------------|---------------|-----------------------|
| X           | DSI-9508-011  | Rivet Kit             |
| 8           | BSP-42        | Rivet                 |
| 16          | NAS1149DN616J | Washer (or AN960JD6L) |

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 10.03.02  
CERT. NO.: SH08-37  
ISSUE NO.: 1

|            |             |  |              |
|------------|-------------|--|--------------|
| A          | NEW ISSUE   | CP   | 10.03.02     |
| REV.       | DESCRIPTION | BY   | DATE         |
| DESIGN     | 9P          | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | 9P          |  |              |
| CHECKED    | 9P          | DRAWING NO.  | REV. A       |
| MFG. APPR. | N/A         | DSI 9508   | SHEET 1 OF 2 |
| APPROVED   | 9P          | TITLE  | SCALE        |
| DE APPR.   | 9P          | RIVET KIT  | NTS          |
| DATE       | 10.03.02    | COPYRIGHT © 2010 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |

